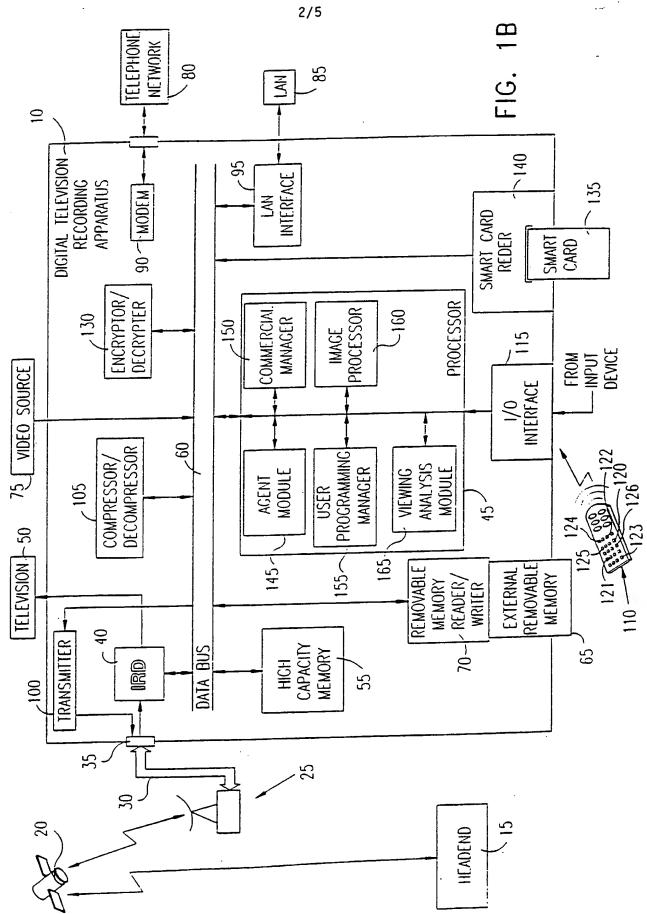


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START

A BROADCASTER ASSOCIATES A SET OF BROADCASTER PARAMETERS
TO A PROGRAM AND BROADCASTS THE PROGRAM TO A PLURALITY OF USERS

THE PROGRAM IS RECEIVED AT DIGITAL TELEVISION RECORDING APPARATUS AT USER PREMISES

A PERSONALIZED AGENT RESIDENT IN THE DIGITAL TELEVISION RECORDING APPARATUS, IS EXECUTED ON THE PROGRAM

THE AGENT DETERMINES WHETHER TO RECORD THE PROGRAM IN A MEMORY AND ASSOCIATES WITH THE PROGRAM, UPON RECORDING, AN AGENT SET OF PARAMETERS ENABLING ACCESS TO PREDETERMINED PORTIONS OF THE PROGRAM

THE PROGRAM IS STORED IN THE MEMORY TOGETHER WITH THE BROADCASTER SET OF PARAMETERS AND THE AGENT SET OF PARAMETERS AND FORMS AN ADDRESSABLE PROGRAM ADDRESSED AND ACCESSED VIA AN ELECTRONIC PROGRAM GUIDE (EPG)

THE USER RETRIEVES AT LEAST A PORTION OF THE ADDRESSABLE PROGRAM

AND WATCHES THE AT LEAST A PORTION

OF THE ADDRESSABLE PROGRAM ON A TELEVISION

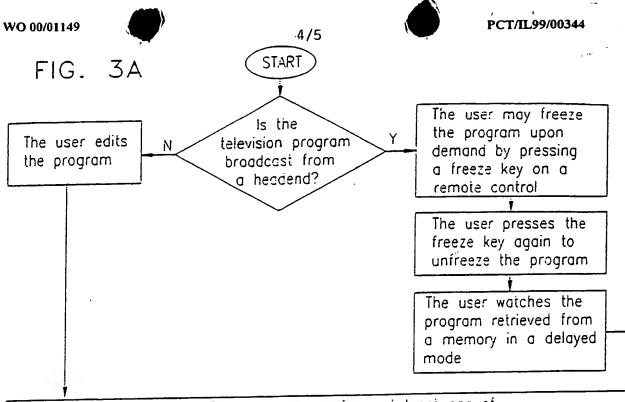
THE USER EDITS THE ADDRESSABLE PROGRAM BY INPUTTING A USER SET OF PARAMETERS ENABLING ACCESS TO PREDETERMINED PORTIONS OF THE PROGRAM

THE USER PRESSES AN "ENTER" KEY TO EXECUTE EDITING
OPERATIONS ON THE PROGRAM AND TO GENERATE AN EDITED
ADDRESSABLE PROGRAM INCLUDING THE USER SET OF PARAMETERS
ENABLING ACCESS TO PREDETERMINED PORTIONS
OF THE PROGRAM

THE EDITED ADDRESSABLE PROGRAM IS STORED IN THE MEMORY AND USED TO REPLACE THE ADDRESSABLE PROGRAM RECORDED IN THE MEMORY

END

FIG. 2



The user may perform at least one of the following operations:

(1) input a rating by pressing a rating key on the remote control or by typing a rating;

(2) input a review of the program or retrieve a review of the program;

(3) accept a premium program in a PIP mode;

(4) switch to one of a plurality of programs displayed in a PIP mode;

(5) browse through recorded programs by pressing a "NEXT" key on the remote control;

(6) select a program from a menu or an electronic program guide;

(7) select a language for playing the audio, i.e. select one of a plurality of audio channels:

(8) select a quality of recording by pressing a key on the remote control;

(9) change parental control criteria and define portions of the program as locked under a secret code;

(10) program the agent and/or specify recording data, i.e. channels from which to record, either simultaneously or separately, dates and times for recording;

(11) save highlights of the program, for example by pressing an "ENTER" key on

the remote control;

(12) select compression format for storage of the program;

(13) program an expiration time for deleting programs when the memory is

(14) manipulate images on the television screen, e.g. zoom on an image;

(15) select a video wallpacer; and

(16) tag the program with selected information.





FIG. 3B

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